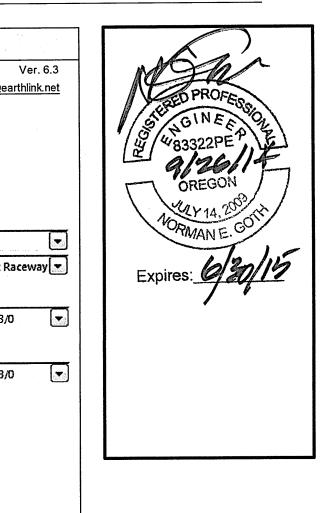
Utility Fault Current	12,800 amperes kVA = jmp1jds@earthlink.n
I = <u>kVA x 1000</u> = trans. FL <i>A</i> E	E = 240 trans. FLA = 0
Isca = trans. FLA x 100 transformer Z	= %
lsca = ampere short-circuit current RM	#S symmetrical. Isca = 0 amperes
Point to Point Method	ength (distance)   FEET   L = 75   Copper in Nonmetallic Raceway
'f' factor = 2 x L x I N x C x E L-N	(ASC)   sca = 12,800   # conductors per phase   N = 2    Phase conductor constant   C = 13,923   Phase Conductor   3/0
	Volt Line to Line E L - L = 240 Volt  f = 0.287  Neutral conductor constant C = 13,923 Neutral Conductor 3/0
Multiplier	Volt Line to Neutral $EL-N = 120$ Volt $f = 0.575$
M = <u>1</u>	Line to Line M = 0.777
	Line to Neutral M = 0.635
Fault Current at Service	Equipment



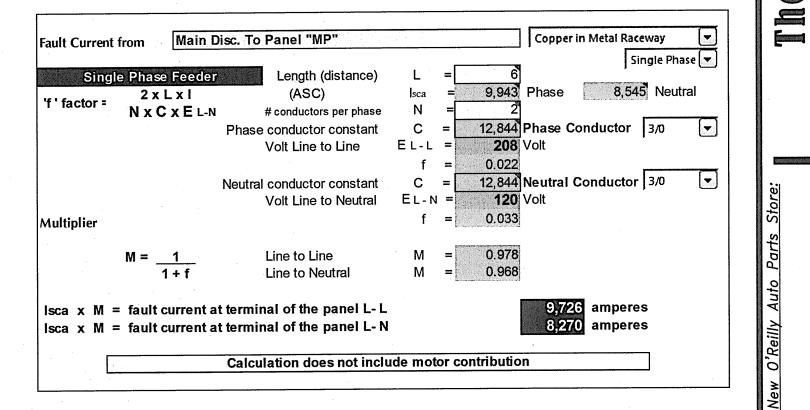
Lundberg

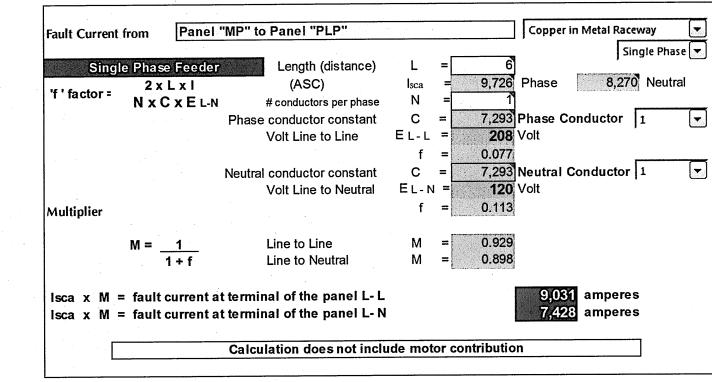
Thomas A.

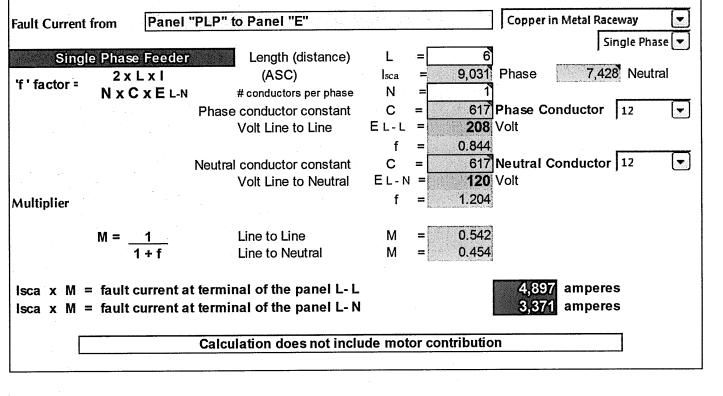
OR

IVY STREET JUNCTION CITY,

AUTO









DATE: 04-23-14

REVISION
DATE:

SMITH-GOTH ENGINEERS, INC.

3855 S. JEFFERSON AVE. P: 417-882-2200 SPRINGFIELD, MO 65807 F: 417-882-1188 WWW.SMITHGOTH.COM

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